2021-22

QUALITY CONTROL TEST REPORT

Name of the Client: Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Agency: M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers), Contractor, Bangalore.

Name of the Work: Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Quality

M/s. CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2005 Laboratory

#133, Bhuvaneshwarinagar, DoddaBasti Main Road, Bangalore-560056
E-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 Mob: 9886998316

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QC-ABSTRACT

Name of Work:- : Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Sl No.	Item	Quantity As Per BOQ	Required No's of tests	Actual No's of tests	Tests
1	PCC 1:4:8	7.88 Cum	1	1	Cement
					Sand, Aggregates

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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NSR//2021-2022

Date:12.08.2021

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Sample : : Cement (Dalmia 53 grade OPC)

Sample Supplied by: : AGENCY

Date of Manufacture: :July-2021

Date of Testing 10.08.2021 to 12.08.2021

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	115 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	355 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.50%	-

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Job No.: CQCE/BBMP/NSR//2021-2022 Date 12.08.2021

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Date of Testing 12.08.2021

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	83	8.30	8.30	91.7	90-100
2.36	135	13.50	21.80	78.2	75-100
1.18	171	17.10	38.90	61.1	55-90
600 Micron	250	25.00	63.90	36.1	35-59
300 Micron	162	16.20	80.10	19.9	8-30
150 Micron	147	14.70	94.80	5.2	0-10

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Job No.: CQCE/BBMP/NSR//2021-2022

Date 12.08.2021

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Date of Testing 12.08.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms 15000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	201	1.34	1.34	98.66	95-100
20	8632	57.55	58.89	41.11	30-70
10	3321	22.14	81.03	18.97	10-35
4.75	2458	16.39	97.41	2.59	0-5

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Date of Testing 12.08.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	190	3.8	3.8	96.2	95-100
10	2536	50.7	54.5	45.5	25-55
4.75	2147	42.9	97.5	2.5	0-10

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